

## CTX-1900AI Citrix Provisioning Server 4.5: Administration

CTX-1900AI introduces administrators and other IT professionals to the operational theory behind Citrix Provisioning Server 4.5 and prepares them to install, configure and administer the product. Interactive instructor-led discussion and hands-on exercises guide learners through tasks and prepare them to manage Citrix Provisioning Server 4.5 in production environments.

### Audience

This course is intended for IT professionals, such as server, network and system administrators. System engineers, analysts, consultants, architects and Citrix Solution Advisors are appropriate candidates for this course.

### Preparatory Recommendations

The following are preparatory recommendations for this course:

- CTX-1455CW Citrix Common Management Platform 4.5: Administration

### Skills and Key Topics

Upon successful completion of this course, learners are able to perform the following:

- Identify the components, services and communications of Citrix Provisioning Server 4.5
- Identify system requirements and install Citrix Provisioning Server 4.5
- Configure a Citrix Provisioning Server 4.5 installation and add it to the Citrix Provisioning Server database
- Create a vDisk
- Install Citrix Provisioning Server software on a target device and create a Master Target Device image
- Assign vDisks to target devices and enable Password Management in Active Directory
- Block ports for a target device, organize target devices into groups and change the properties of target devices
- Administer server connections, change basic server properties and improve performance by changing advanced server properties
- Administer vDisk connections; unassign, delete and backup vDisks; release vDisk locks; change vDisk properties and update a vDisk
- Install and enable printers on a vDisk and enable the Printer Management feature
- Configure the Streaming Service Account for use with high availability, disable Windows write caching, add servers to the boot file and assign High Availability vDisks to target devices

### Instructional Method

This instructor-led training course provides interactive presentations, discussion and practical application through hands-on labs and group activities.

### Course Length

2 days

### Certification Preparation

This course is recommended preparation for Exam 900 Citrix Provisioning Server 4.5: Administration, the requirement for the Citrix Certified Administrator for Citrix Provisioning Server 4.

### Topic Outline

Provided is the topic outline for CTX-1900AI.

- Introducing Citrix Provisioning Server
  - Identifying Citrix Provisioning Server Components
  - Identifying Citrix Provisioning Server Architecture
  - Understanding PXE
  - Understanding Citrix Provisioning Server Communications
- Installing Citrix Provisioning Server
  - Identifying Provisioning Server system requirements
  - Making Provisioning Server installation decisions
  - Installing Provisioning Server
  - Configuring Provisioning Server
- Creating vDisks
  - Creating a vDisk
  - Mapping a vDisk
  - Formatting a vDisk
  - Unmapping a vDisk
  - Adding a vDisk to the Database
- Creating Target Devices
  - Identifying Target Device System Requirements
  - Installing Provisioning Server Software on a Target Device
  - Adding a Target Device to the Database
  - Adding a Target Device to the BOOTPTAB Database
  - Assigning vDisks
  - Building an Image
  - Integrating Active Directory Password Management
- Administering Target Devices
  - Organizing Target Devices
  - Filtering Target Devices
  - Copying Target Device Properties
  - Configuring Port Blocker
- Administering Servers
  - Administering Connections
  - Changing Server Properties
  - Changing Advanced Server Properties
- Administering vDisks
  - Unassigning a vDisk
  - Deleting a vDisk
  - Releasing vDisk Locks
  - Copying vDisk Properties
  - Updating a vDisk
- Managing Printers
  - Enabling Printers Using Printer Settings
  - Enabling Printers Using the Printers Group Folder
  - Enabling Printers Using Copy and Paste
  - Enabling Printers Using a Template
- Managing High Availability
  - Disabling Windows Write Caching
  - Creating the Streaming Service Account
  - Assigning the Streaming Service Account to the Streaming Service
  - Configuring Access to HA Storage
  - Adding Servers to the Boot File
  - Assigning HA vDisks to Target Devices
  - Testing HA Failover

## Registration

Please go to [www.citrixeducation.com](http://www.citrixeducation.com) to locate a Citrix Authorized Learning Center (CALC) offering CTX-1900AI.